



Montana Energy Summit

*Transmission Planning Process
April 22, 2008*



NorthWestern
Energy

Delivering a Bright Future



FERC Order 890 Planning Principles

- **Coordination**
- **Openness**
- **Transparency**
- **Information Exchange**
- **Comparability**
- **Dispute Resolution**
- **Regional Participation**
- **Economic Planning Studies**
- **Cost Allocation for New Projects**

Regional Planning

■ WECC

» Transmission Expansion Planning Policy Committee

- ◆ Reports to WECC Board
- ◆ Limited membership
- ◆ Documents Available on WECC Website
www.wecc.biz

» Technical Analysis Subcommittee

- ◆ Administers Biennial Transmission Study
- ◆ Open to all interested parties
- ◆ Subcommittees
 - Data Work Group
 - Modeling Work Group
 - Studies Work Group
 - Historical Analysis Work Group

Regional Planning

■ TEPPC Functions

- » **Oversee database management**
- » **Provide policy and management of the Planning Process**
- » **Guide the analyses and modeling for the Western Interconnection economic transmission expansion planning.**

■ **TEPPC focus on plans with west-wide implications**

■ **High level assessment of congestion and congestion costs**

Sub-Regional Planning

- **WECC Sub-Regional Planning Groups**
 - » **California ISO**
 - ◆ **Southwest Transmission Expansion Plan**
 - » **Northwest Transmission Assessment Committee**
 - » **WestConnect**
 - ◆ **Southwest Area Transmission**
 - ◆ **Colorado Coordinated Planning Group**
 - » **Rocky Mountain Area Transmission Study**
 - » **ColumbiaGrid**
 - » **Northern Tier Transmission Group**

Northern Tier Transmission Group

- Website: www.nttg.biz
- Programs
 - » ACE Diversity Interchange
 - » Cost Allocation
 - » Planning
 - » Transmission Use (ATC)
- Planning Charter Principles
 - » Recovery of Planning Costs
 - » Collaboration with Regulators
 - » Avoid Duplication
 - » Share Workload

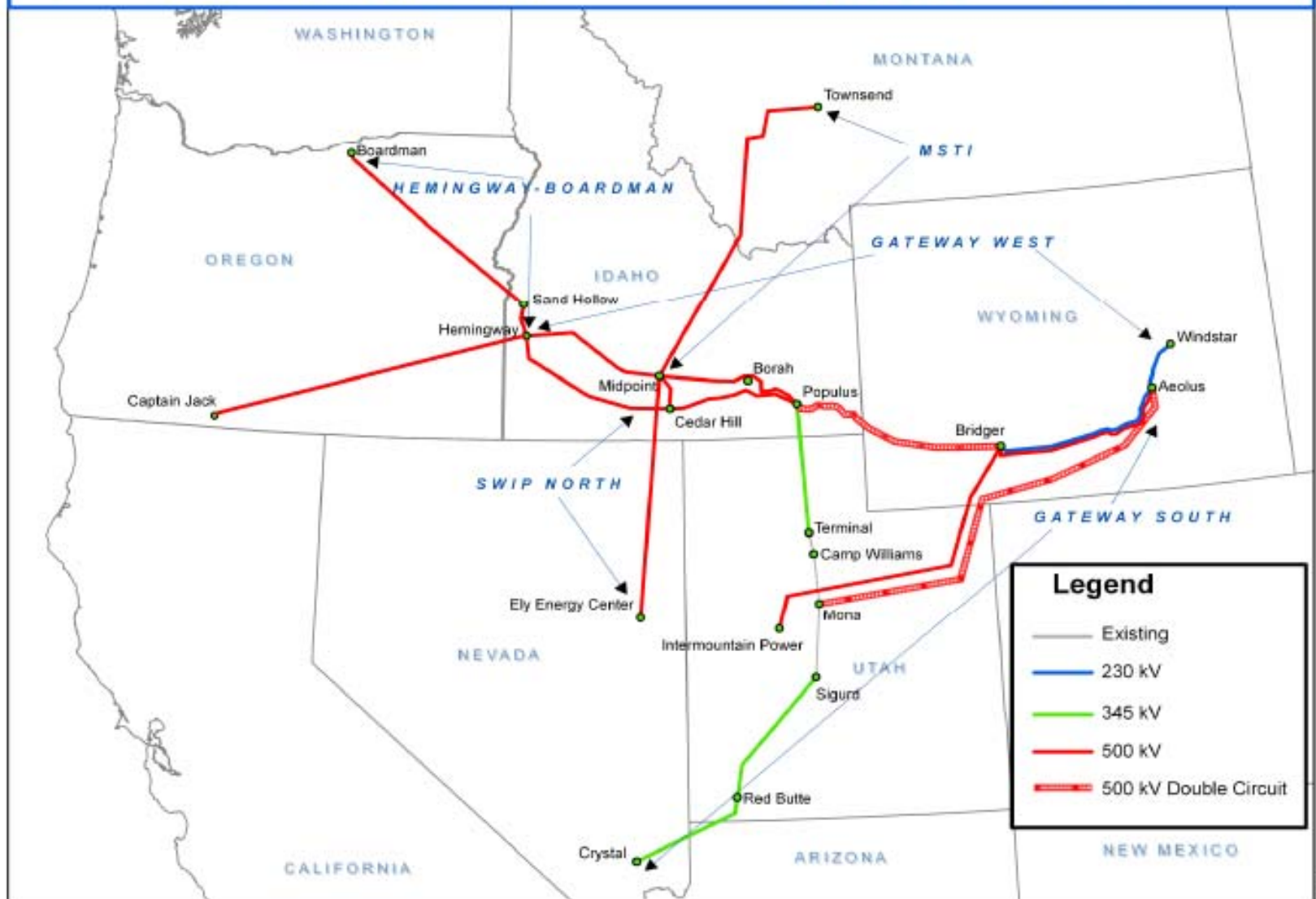
NTTG Area



Source: EPA "Challenge for the Northwest"
White Paper April 2006, pg 24
with red highlight additions by RSB - PacifiCorp
Jan 2007

Northern Tier Transmission Group

- **Planning Committee Membership (within NTTG Footprint)**
 - » Transmission Providers and developers
 - » Transmission users
 - » Regulators and other state agencies



Local Transmission Planning

- **NorthWestern's OATT Attachment K**

- » <http://www.oatioasis.com/NWMT/index.html>

- **NWE established Transmission Advisory Committee (TRANSAC)**

- » Forum Open Communications among Montana transmission providers, transmission-providing neighbors, State authorities, customers, and other stakeholders.
 - » Discuss all aspects of NWE's planning activities.
 - » Forum for NWE to better understand specific electric transmission interests of key stakeholders.
 - » Input on NWE's FERC OATT Attachment K filing.

Local Transmission Planning

■ TRANSAC Membership

- » Open to anyone
- » Conditions
 - ◆ Agree to purpose and ground rules as described in charter
 - ◆ Provide advice as individual professionals
Does not bind agencies or organizations of participants
- » Self-nominations.
- » Responsibilities
 - ◆ Attend and participate in meetings regularly
 - ◆ Respect others viewpoints
 - ◆ Respect decision of any member to withdraw at anytime

Local Transmission Planning

■ Process

- » Meetings open to public to extent allowed without violating Standards of Conduct.
- » TRANSAC will establish meeting schedule and announce meetings 10-days prior to meeting
- » NWE will engage independent facilitator
 - ◆ Draft agendas
 - ◆ Prepare summary of meetings for posting on OASIS
 - ◆ Conduct meetings to support coordinated process
- » Establish Schedule for open public meetings and provide notice no less than 30-days prior to meeting